

FORM PTO-1390
(REV 10-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

MCW-002US

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C.371**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

097890694

INTERNATIONAL APPLICATION
PCT/GB00/00323INTERNATIONAL FILING DATE
07 February 2000 (07.02.00)PRIORITY DATE CLAIMED
05 February 1999 (05.02.99)

TITLE OF INVENTION

**OPTICAL WAVEGUIDE WITH MULTIPLE CORE LAYERS AND METHOD OF FABRICATION
THEREOF**

APPLICANT(S) FOR DO/EO/US

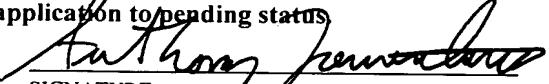
Paulo Vicente DA SILVA MARQUES et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C.371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
4. The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C 371(c)(2))
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (**unexecuted**) (4 Sheets);
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (**2 sheets**) with Form PTO-1449 (**1 sheet**);
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included
13. A **FIRST** preliminary amendment (**7 sheets**) (**along with version of markings to show changes (5 sheets)**);
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. Other items or information: **Transmittal Letter (2 sheets); PCT International Published Application (WO 00/46619) (with International Search Report) (38 sheets); International Preliminary Examination Report (18 sheets); Check in the amount of \$1530.00 (Filing Fee) based on large entity; Certificate of First Class Mailing (1 sheet); and Return Postcard.**

U.S. APPLICATION NO. (if known, see 37 CFR 1.495) 09/890647	INTERNATIONAL APPLICATION NO. PCT/GB00/00323	ATTORNEY'S DOCKET NO. MCW-002US
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) .(a/o November 1, 2000):		
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1000		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$860		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.455(a)(2)) paid to USPTO\$710		
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$690		
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100		
ENTER APPROPRIATE BASIC FEE AMOUNT =		
\$860.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than <input checked="" type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	50-20 =	30
Independent claims	2-3 =	0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ 270.00
TOTAL OF ABOVE CALCULATIONS =		
\$1530.00		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.		
SUBTOTAL =		
\$		
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		
+		
TOTAL NATIONAL FEE =		
\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		
+		
TOTAL FEES ENCLOSED =		
\$1530.00		
Amount to be:		
refunded \$		
charged \$		
<p>a. <input checked="" type="checkbox"/> Checks in the amount of \$ <u>1530.00</u> to cover the above fees are enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>12-0080</u>. A duplicate copy of this sheet is enclosed.</p>		
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>		
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Anthony A. Laurentano, Esq. LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 United States of America (617)227-7400 Date: 03 August 2001</p>		
<p>SIGNATURE  Anthony A. Laurentano</p> <p>NAME <u>38,220</u></p> <p>REGISTRATION NUMBER</p>		

IN THE UNITED STATES PATENT DESIGNATED OFFICE (DO/US)
(National Phase of International App.: PCT/GB00/00323, W/O 00/46619)

In re the application of:

Paulo Vicente DA SILVA MARQUES et al.

International Application No.: **PCT/GB00/00323**

International Filing Date: **07 February 2000**

U.S. Serial No.: **Not Yet Assigned**

Filed: **Herewith**

For: **OPTICAL WAVEGUIDE WITH MULTIPLE
CORE LAYERS AND METHOD OF
FABRICATION THEREOF**

Attorney Docket No.: MCW-002US

BOX PCT

Commissioner for Patents
Washington, D.C. 20231

Certification Under 37 CFR 1.10

I hereby certify that the attached: Transmittal Letter (2 sheets); Preliminary Amendment (7 sheets (along with version of markings to show changes (5 sheets)); Unexecuted Declaration, Petition and Power of Attorney (4 sheets); PCT International Published Application (WO 00/46619) (with International Search Report) (38 sheets); International Preliminary Examination Report (18 sheets); Information Disclosure Statement (2 sheets); Form PTO-1449 (1 sheet); check in the amount of \$1530.00 (Filing Fee) based on large entity; Certificate of Express Mailing (1 sheet); and Return Postcard are being deposited by me with the United States Postal Service "Express Mail Post Office to Addressee" service, Mailing Label No. **EL 916 825 478 US**, under 37 CFR 1.10 on the date indicated below and is addressed to the Box PCT, Commissioner for Patents, Washington, D.C. 20231.

Date: 03 August 2001

Name: Vinny Cardoso

Signature: 